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Government
Publications

URBAN POPULATION ESTIMATES
EDMONTON METROPOLITAN AREA 1960 - 1980



Edmonton District Planning Commission

September, 1961



URBAN POPULATION ESTIMATES
EDMONTON METROPOLITAN AREA - 1960-1980

For the past few years the population projection used by the Planning Commission has been the one contained in the Economic Base Study. This was based largely on 1955 data and gave a projection to 1976. Due to work being done on the District Plan and the Transportation Survey, it is necessary to extend the projection to 1980, and it is advisable to review it considering actual growth and the recent Provincial Population estimates available. It should be noted that what is being considered here is not a City of Edmonton projection but the urban population increase for the Edmonton District, and although a large percentage will be accommodated within the present Metropolitan area a sizeable amount will in time be absorbed by the District Towns.

For comparative purposes three projections are considered:

1. A straight line projection from 1976-1980 of the Economic Base estimate.
2. A percentage of Provincial increase.
3. An estimated yearly increase based on the average annual 1946-1960 growth.

1. Economic Base

At the present time this forecast is extended from 1976 to 1980 by a straight line projection. However a full review of Economic Base Study will be possible when the complete results of the 1961 Dominion Bureau of Statistics census are available, which may take from one to two years.

2. Percentage of Provincial Increase

An estimate of Provincial population to 1985 has recently been revised by the Alberta Bureau of Statistics, based on natural increase with no estimate made for net migration.

In using these results for the Edmonton area we have applied two assumptions:

- a) That the net migration for Alberta 1960-1980 will average 8000 persons a year. This figure is lower than the average 1946-1960.
 - b) That the Edmonton District will absorb approximately 42% of the total population increase of the Province. This is the actual average 1951-1960.
3. The various Average Yearly Increases considered are primarily to give some indication of the results of extending past rates of growth.

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The results of these various projections are as follows:

- Method 1 - 658,000 (Economic Base)
- Method 2 - 614,000 (% of Provincial Increase)
- Method 3 - 601,000 (Linear projection of average yearly growth 1946 - 1960).

For various reasons it is proposed that the figure which should be used for the 1980 urban population is 658,000.

- a) The Economic Base projection has proved fairly reliable to date, the estimated population being within approximately 1% of the actual population.

Estimated 1960 Population 322,750

Actual Metropolitan Population, 1960

| | | | |
|---------------------------------|----------------|-------|----------------|
| City of Edmonton | 269,414 | | |
| Town of Jasper Place | 27,414 | | |
| Town of Beverly | 9,095 | | |
| New Town of St. Albert | 3,035 | | |
| Town of Leduc | 2,429 | | |
| Town of Fort Saskatchewan | 3,305 | | |
| Sherwood Park | 2,200 | | |
| Portion of M.D. Sturgeon River) | | | |
| Portion of M.D. Strathcona) | 6,370 | | |
| Portion of M.D. Stony Plain) | | | |
| Griesbach Barracks) | | | |
| | <u>323,262</u> | | |
| Less 1955 Population - | | | |
| Leduc | 2,168 | | |
| Fort Saskatchewan | <u>2,200</u> | 4,368 | <u>318,894</u> |
| Difference | | | 3,856 |

That is, the projection was 1.2% greater than the actual population.

(Note: It is assumed that the population increase in Leduc and Fort Saskatchewan is part of the projected Metropolitan increase, even though the populations in 1955 were not actually accounted for.)

- b) Methods 2 and 3 are based on very conservative estimates.
- c) Given a possible minimum and maximum figure, it is more advantageous to use the higher since from a land use and traffic point of view the problems arising from under-estimating are greater than from overestimating, within limits.

In the following pages the relevant data on Municipal, Metropolitan, District and Provincial population have been put into an easily accessible form, so that the conclusions can be assessed and evaluated.

URBAN POPULATION PROJECTION - EDMONTON METROPOLITAN AREA

Sources: An Economic Base Survey for the Edmonton Metropolitan area,
Edmonton District Planning Commission - 1958
Alberta's Economic Prospects,
Government of Alberta - 1955
Graphs of Growth,
Government of Alberta - 1960
The Edmonton District Water Supply,
Edmonton District Planning Commission - 1960

1. Economic Base Study

| | |
|--|----------------|
| Projection to 1976 | 580,000 |
| Assumed 4-year increase (at same rate as predicted | <u>78,000</u> |
| from 1971 to 1976) | <u>658,000</u> |

2. Provincial Government Projection from 1960 to 1980

Metropolitan Area Related to Province as a Whole

| <u>PROVINCIAL POPULATION</u> | <u>ANNUAL % INCREASE</u> | <u>METROPOLITAN POPULATION</u> | <u>ANNUAL % INCREASE</u> |
|----------------------------------|------------------------------|------------------------------------|------------------------------|
| 1960 1,283,000 | | 1960 317,528 | |
| 1959 <u>1,243,000</u> | 3.2% | 1959 <u>301,943</u> | 5.2% |
| <u>40,000</u> | | <u>15,585</u> | |
| 1959 1,243,000 | | 1959 301,943 | |
| 1958 <u>1,201,000</u> | 3.5% | 1958 <u>285,989</u> | 5.6% |
| <u>42,000</u> | | <u>15,954</u> | |
| 1958 1,201,000 | | 1958 285,989 | |
| 1957 <u>1,160,000</u> | 3.5% | 1957 <u>267,343</u> | 7.0% |
| <u>41,000</u> | | <u>18,646</u> | |
| 1957 1,160,000 | | 1957 267,343 | |
| 1956 <u>1,123,000</u> | 3.3% | 1956 <u>252,102</u> | 6.0% |
| <u>37,000</u> | | <u>15,241</u> | |
| 1956 1,123,000 | | 1956 252,102 | |
| 1955 <u>1,091,000</u> | 2.9% | 1955 <u>233,613</u> | 7.9% |
| <u>32,000</u> | | <u>18,489</u> | |
| 1955 1,091,000 | | 1955 233,613 | |
| 1954 <u>1,057,000</u> | 3.2% | 1954 <u>219,549</u> | 6.4% |
| <u>34,000</u> | | <u>14,064</u> | |
| 1954 1,057,000 | | 1954 219,549 | |
| 1953 <u>1,012,000</u> | 4.4% | 1953 <u>202,390</u> | 8.5% |
| <u>45,000</u> | | <u>17,159</u> | |
| 1953 1,012,000 | | 1953 202,390 | |
| 1952 <u>973,000</u> | 4.0% | 1952 <u>185,260</u> | 9.3% |
| <u>39,000</u> | | <u>17,130</u> | |
| 1952 973,000 | | 1952 185,260 | |
| 1951 <u>939,000</u> | 3.6% | 1951 <u>174,229</u> | 6.3% |
| <u>34,000</u> | | <u>11,031</u> | |

| | <u>Provincial Increase</u> | <u>Metropolitan Increase</u> | <u>%Annual Increase</u> (Metropolitan) | <u>% Metro. to Prov. Increase</u> |
|-----------|--------------------------------|----------------------------------|---|---------------------------------------|
| 1959 - 60 | 40,000 | 15,585 | 5.2% | 39.0% |
| 1958 - 59 | 42,000 | 15,954 | 5.6% | 38.0% |
| 1957 - 58 | 41,000 | 18,646 | 7.0% | 45.5% |
| 1956 - 57 | 37,000 | 15,241 | 6.0% | 41.2% |
| 1955 - 56 | 32,000 | 18,489 | 7.9% | 57.8% |
| 1954 - 55 | 34,000 | 14,064 | 6.4% | 41.4% |
| 1953 - 54 | 45,000 | 17,159 | 8.5% | 38.2% |
| 1952 - 53 | 39,000 | 17,130 | 9.3% | 43.9% |
| 1951 - 52 | <u>34,000</u> | <u>11,031</u> | 6.3% | <u>32.5%</u> |
| 1951 - 60 | <u>344,000</u> | <u>143,299</u> | | <u>41.9%</u> |

a) Population of Alberta 1960 1,283,000
Population of Alberta 1980
Considering Births and Deaths only - 1,830,000
+ 20 years Net Immigration at 8,000/yr.- 160,000
1,990,000
Estimated Increase 707,000

b) Edmonton Metropolitan Area increase as % of total Provincial increase
1951 - 1960 = 41.9%

c) Edmonton area's portion of the Provincial increase
41.9% of 707,000 = 296,200

d) Edmonton Metropolitan Population 1960 317,500
Estimated increase from (c) 296,200
613,700

3. Estimate by Yearly Increase

| | <u>Metropolitan Population*</u> |
|------------------------|--|
| 1901 4,648 | (Towns of Edmonton, Strathcona and St. Albert). |
| 1911 31,678 | (Cities of Edmonton, Strathcona and Town of St. Albert). |
| 1921 60,760 | (City of Edmonton; Beverly and St. Albert). |
| 1931 81,133 | (City of Edmonton; Beverly and St. Albert). |
| 1941 96,895 | (City of Edmonton; Beverly; St. Albert and Jasper Place). |
| 1946 119,094 | (City of Edmonton; Beverly; St. Albert and Jasper Place). |
| 1951 174,229 | (D.B.S. Metropolitan Boundary (as defined in 1956)). |
| 1956 252,782 | (D.B.S. Metropolitan Boundary (as defined in 1956) and St. Albert and Sherwood Park). |
| 1960 317,528 | (D.B.S. Metropolitan Boundary (as defined in 1956) and St. Albert and Sherwood Park). |

*Edmonton became a Village 1871, incorporated as a Town 1892 and incorporated as a City 1904.

Strathcona incorporated as a Town 1899, incorporated as a City 1907.

Edmonton and Strathcona were amalgamated 1912.

Jasper Place became a Village in 1949 and incorporated as a Town 1950.

Beverly became a Village in 1913 and incorporated as a Town 1914.

St. Albert incorporated as a Town 1904 and received New Town status 1957.

Average Yearly Growth - Metropolitan Area

| | |
|-----------------------|--------|
| 1901 - 1921 | 2,806 |
| 1921 - 1941 | 1,807 |
| 1941 - 1960 | 11,612 |
| 1946 - 1960 | 14,174 |
| 1951 - 1960 | 15,922 |
| 1901 - 1960 | 5,303 |

a) Estimated 1980 Population Based on Linear Projection of Average
Yearly Growth, 1951 - 1960

| | |
|---|-------------------|
| Edmonton Metropolitan Population 1960 | 317,500 |
| Plus 20 years @ 15,922 | <u>318,400</u> |
| | 635,900 |
| | or <u>636,000</u> |

b) Estimated 1980 Population Based on Linear Projection of Average
Yearly Growth, 1946 - 1960

| | |
|---|----------------|
| Edmonton Metropolitan Population 1960 | 317,500 |
| Plus 20 years @ 14,174 | <u>283,500</u> |
| | <u>601,000</u> |

c) Estimated 1980 Population Based on Linear Projection of Average
Yearly Growth, 1941 - 1960

| | |
|---|-------------------|
| Edmonton Metropolitan Population 1960 | 317,500 |
| Plus 20 years @ 11,612 | <u>232,200</u> |
| | 549,700 |
| | or <u>550,000</u> |

PROVINCIAL POPULATION 1939 TO 1960¹

WITH NATURAL INCREASE PROJECTED TO 1985

| | Births* | Deaths* | Net Natural Increase | Net Immigration** or (-) Emigration | Net Increase or (-) Decrease | Total Population in thousands |
|------|---------|---------|----------------------------|---|------------------------------------|-------------------------------------|
| | No. | No. | No. | No. | No. | No. |
| 1939 | 16,470 | 5,789 | 10,681 | -6,000 | 5,000 | 786 |
| 1940 | 17,359 | 6,203 | 11,156 | -7,000 | 4,000 | 790 |
| 1941 | 17,308 | 6,385 | 10,923 | -5,000 | 6,000 | 796 |
| 1942 | 18,317 | 6,091 | 12,226 | -32,000 | -20,000 | 776 |
| 1943 | 19,390 | 6,524 | 12,766 | -4,000 | 9,000 | 785 |
| 1944 | 19,372 | 6,320 | 13,052 | 10,000 | 23,000 | 808 |
| 1945 | 19,939 | 6,454 | 13,485 | -13,000 | . | 808 |
| 1946 | 22,184 | 6,601 | 15,583 | -21,000 | -5,000 | 803 |
| 1947 | 24,631 | 6,543 | 18,088 | 4,000 | 22,000 | 825 |
| 1948 | 24,075 | 6,987 | 17,088 | 12,000 | 29,000 | 854 |
| 1949 | 24,935 | 7,083 | 17,852 | 13,000 | 31,000 | 885 |
| 1950 | 25,625 | 6,856 | 18,769 | 9,000 | 28,000 | 913 |
| 1951 | 27,003 | 7,167 | 19,836 | 6,000 | 26,000 | 939 |
| 1952 | 29,105 | 7,345 | 21,760 | 12,000 | 34,000 | 973 |
| 1953 | 31,376 | 7,646 | 23,730 | 15,000 | 39,000 | 1,012 |
| 1954 | 33,593 | 7,520 | 26,073 | 19,000 | 45,000 | 1,057 |
| 1955 | 34,357 | 7,956 | 26,401 | 8,000 | 34,000 | 1,091 |
| 1956 | 34,951 | 7,786 | 27,165 | 5,000 | 32,000 | 1,123 |
| 1957 | 35,718 | 8,255 | 27,463 | 10,000 | 37,000 | 1,160 |
| 1958 | 36,482 | 8,237 | 28,605 | 12,000 | 41,000 | 1,201 |
| 1959 | 38,776 | 8,720 | 30,056 | 12,000 | 42,000 | 1,243 |
| 1960 | 39,692 | 9,120 | 30,572 | 9,000 | 40,000 | 1,283 |
| 1971 | 44,000 | 14,400 | 30,000 | Assumed as a balance between Immigration and Emigration | | 1,531 |
| 1976 | 49,000 | 15,000 | 34,000 | | | 1,691 |
| 1981 | 54,000 | 17,000 | 37,000 | | | 1,867 |
| 1985 | 59,000 | 20,000 | 39,000 | | | 2,061 |

**Estimated

*Exclusive of Stillbirths

¹Source - Alberta's Economic Prospects, Government of Alberta, 1960

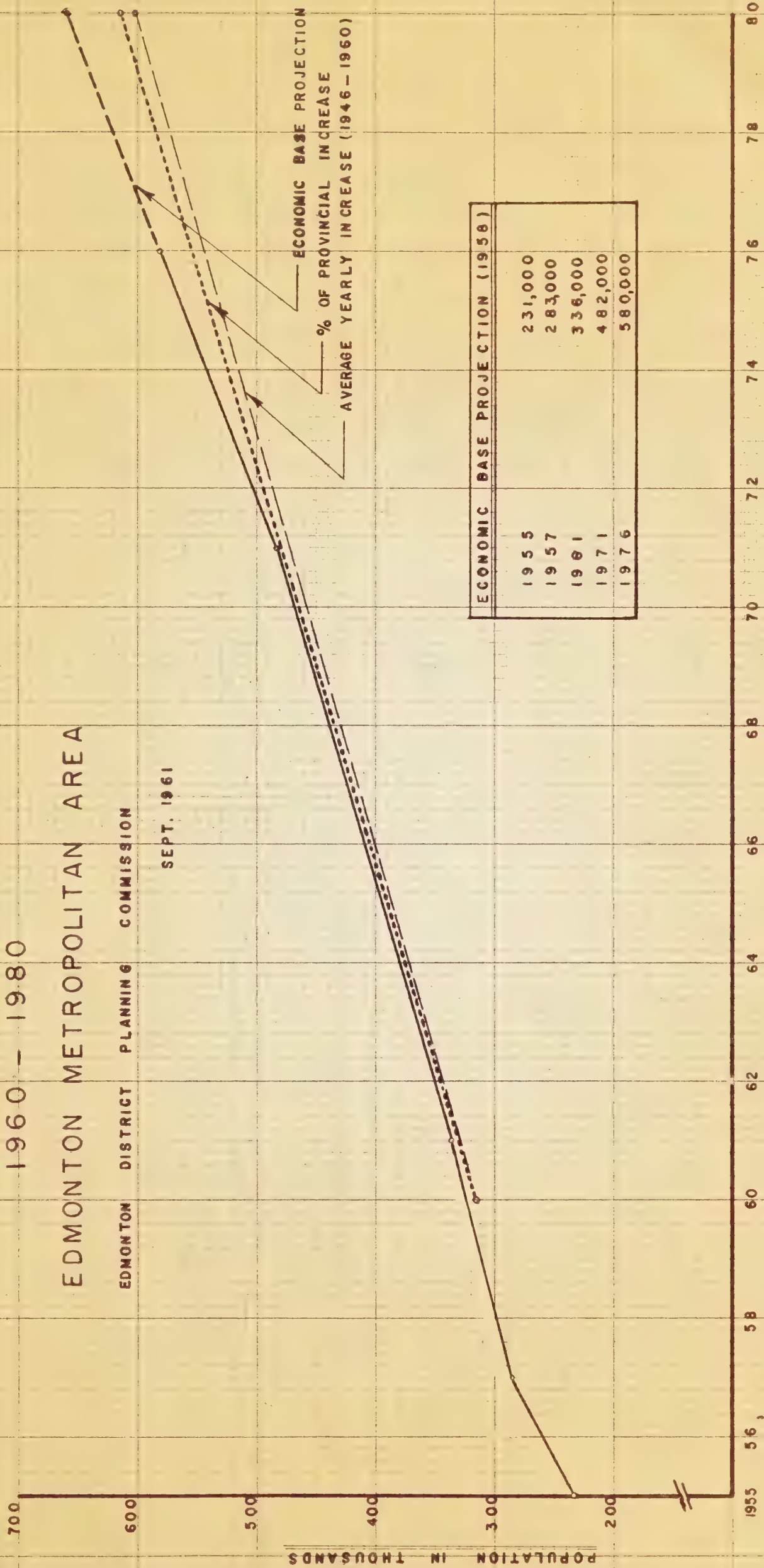
URBAN POPULATION PROJECTIONS

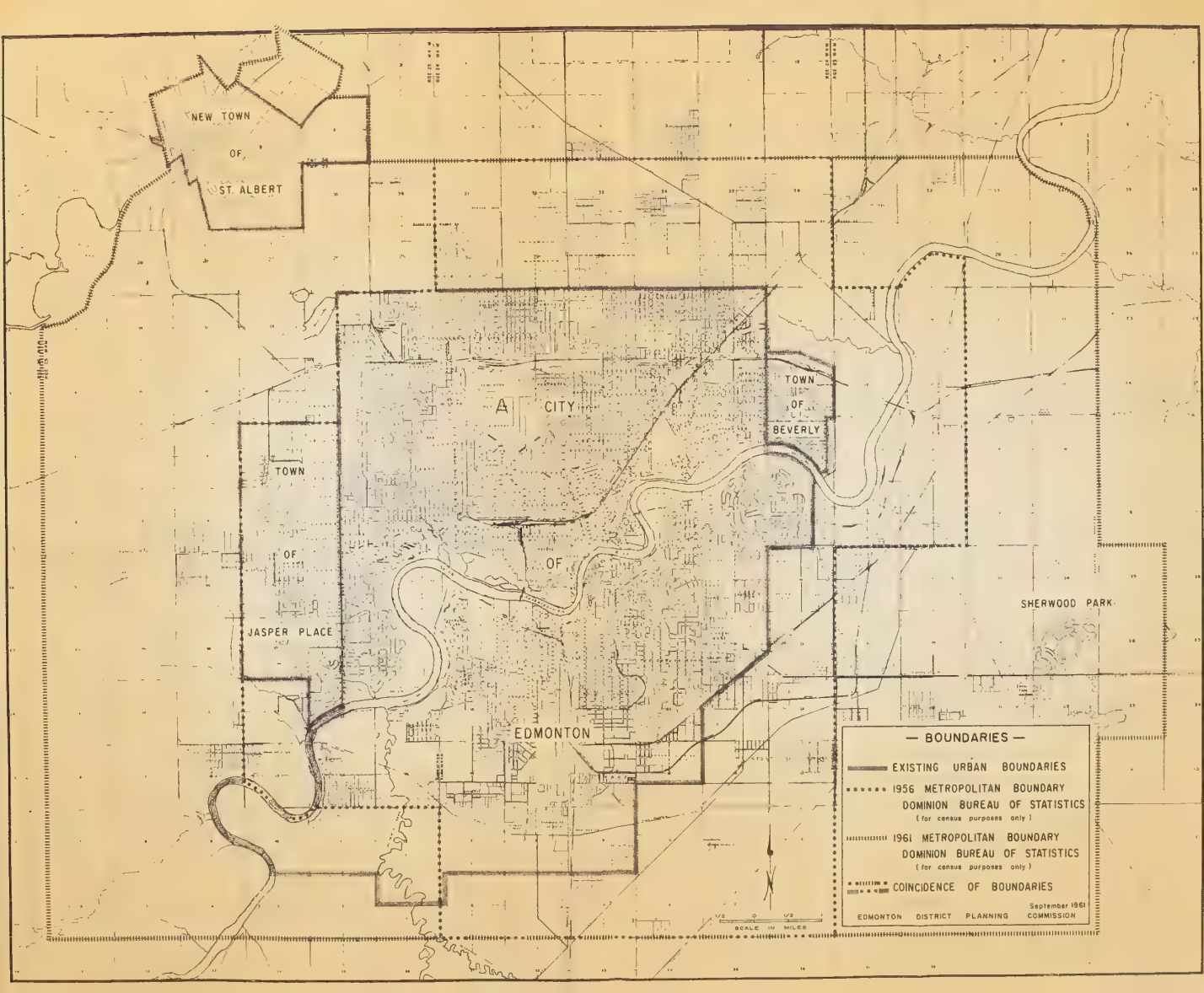
1960 - 1980

EDMONTON METROPOLITAN AREA

EDMONTON DISTRICT PLANNING COMMISSION

SEPT. 1961





NEW TOWN

OF

ST. ALBERT

CITY

TOWN

OF

BEVERLY

TOWN

OF

JASPER PLACE

OF

EDMONTON

SHERWOOD PARK

— BOUNDARIES —

— EXISTING URBAN BOUNDARIES

..... 1956 METROPOLITAN BOUNDARY
DOMINION BUREAU OF STATISTICS
(for census purposes only)

..... 1961 METROPOLITAN BOUNDARY
DOMINION BUREAU OF STATISTICS
(for census purposes only)

— COINCIDENCE OF BOUNDARIES

EDMONTON DISTRICT PLANNING COMMISSION
September 1961

POPULATION FIGURES
EDMONTON DISTRICT MUNICIPALITIES
1901 - 1960

o - Dominion Bureau of Statistics 1956 Boundary
x - Figures include Strathcona
- Figures include New Town of St.Albert and Sherwood Park

o - Dominion Census Years

| NAME | ° | 1901 | ° | 1911 | ° | 1916 | ° | 1921 | ° | 1926 | ° | 1931 | ° | 1936 | ° | 1941 | ° | 1946 | ° | 1951 | 1952 | 1953 | 1954 | 1955 | ° | 1956 | 1957 | 1958 | 1959 | 1960 |
|-------------------------|---|-------|---|--------|---|--------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------|
| CITY OF EDMONTON | x | 4,176 | x | 31,064 | | 53,846 | | 58,821 | | 65,163 | | 79,197 | | 85,774 | | 93,817 | | 113,116 | | 159,631 | 169,196 | 183,411 | 197,836 | 209,353 | 226,002 | 238,353 | 252,131 | 260,733 | 269,414 | |
| - TOWNS - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BEVERLY | | | | | | | | 1,039 | | 931 | | 1,111 | | 998 | | 981 | | 1,171 | | 2,159 | 2,250 | 2,938 | 3,548 | 4,536 | 4,602 | 6,250 | 6,865 | 8,197 | 9,095 | |
| CALMAR | | | | | | | | | | | | | | | | | | | | 944 | | 952 | 952 | 952 | 730 | 730 | 716 | 716 | 720 | |
| DEVON | | | | | | | | | | | | | | | | | | | | 842 | | 1,512 | 1,512 | 1,522 | 1,429 | 1,512 | 1,512 | 1,522 | 1,522 | |
| FORT SASKATCHEWAN | | 306 | | 782 | | 993 | | 982 | | 943 | | 1,001 | | 899 | | 903 | | 921 | | 1,076 | | 1,501 | 1,831 | 2,200 | 2,582 | 3,185 | 3,014 | 3,185 | 3,305 | |
| JASPER PLACE | | | | | | | | | | | | | | | | 1,400 | | 4,003 | | 9,139 | 10,078 | 11,844 | 13,307 | 14,431 | 15,957 | 16,821 | 19,299 | 23,422 | 27,414 | |
| LEDUC | | 112 | | 523 | | 584 | | 756 | | 832 | | 900 | | 926 | | 871 | | 920 | | 1,842 | | 1,842 | 2,168 | 2,168 | 2,008 | 2,389 | 2,053 | 2,389 | 2,429 | |
| MORINVILLE | | | | 385 | | 331 | | 460 | | 562 | | 570 | | 554 | | 580 | | 735 | | 892 | | 892 | 892 | 889 | 957 | 957 | 933 | 933 | 940 | |
| ST. ALBERT | | 472 | | 614 | | 655 | | 800 | | 684 | | 825 | | 811 | | 697 | | 804 | | 1,129 | 1,129 | 1,129 | 1,329 | 1,303 | 1,320 | 1,850 | 1,947 | 2,450 | 3,035 | |
| STONY PLAIN | | | | 505 | | 293 | | 360 | | 456 | | 497 | | 499 | | 566 | | 720 | | 878 | | 1,028 | 1,028 | 1,028 | 1,098 | 1,098 | 1,083 | 1,083 | 1,300 | |
| SHERWOOD PARK | | | | | | | | | | | | | | | | | | | | | | | 388 | 388 | 462 | 1,254 | 1,650 | 1,950 | 2,200 | |
| - VILLAGES - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRETON | | | | | | | | | | | | | | | | | | | | | | | | | | 566 | 566 | | | 570 |
| SPRUCE GROVE | | | | | | | | | | | | | | | | | | | | | | | | 305 | 309 | 314 | 314 | | | |
| THORSBY | | | | | | | | | | | | | | | | | | | | 385 | | 430 | 430 | 385 | 411 | 411 | 411 | 411 | 460 | |
| WARBURG | | | | | | | | | | | | | | | | | | | | | | | 228 | 228 | 257 | 238 | 257 | 238 | 288 | |
| - MUNICIPAL DISTRICTS - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAC STE. ANNE | | | | | | | | | | | | | | | | | | | | | | | 9836 | 7,205 | 6,727 | 6,892 | 6,892 | | | |
| LEDUC | | | | | | | | | | | | | | | | | | | | | | | 10,880 | 11,820 | 11,446 | 11,497 | 10,931 | 11,497 | 11,590 | |
| STONY PLAIN | | | | | | | | | | | | | | | | | | | | | | | 7,921 | 8,861 | 8,470 | 8,491 | 8,491 | 8,600 | 8,700 | |
| STRATHCONA | | | | | | | | | | | | | | | | | | | | | | | 6,982 | 6,982 | 8,788 | 8,873 | 8,873 | 11,130 | 11,960 | |
| STURGEON RIVER | | | | | | | | | | | | | | | | | | | | | | | 8,795 | 10,737 | 13,822 | 13,865 | 13,865 | 13,940 | 15,720 | |
| o METROPOLITAN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ALBERTA | | | | | | | | 588,000 | | 608,000 | | 732,000 | | 773,000 | | 796,000 | | 803,000 | | 939,000 | 973,000 | 1,012,000 | 1,057,000 | 1,091,000 | 1,123,000 | 1,160,000 | 1,201,000 | 1,243,000 | 1,283,000 | |
| | | | | | | | | | | | | | | | | | | | | 173,075 | 184,131 | 201,261 | 218,220 | 232,310 | 251,004 | 266,245 | * 285,989 | * 301,943 | # 317,528 | |

Walker & Newby.

Strathcona.

3340

Cummings

Williams

10 acre.

U.C.A.

Mr. Cummings

GA 42569

Phone Friday



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